

Engine & CoolingFuelIgnitionElectricalRunning gearTorque settingsCapacitiesNotes & Illustrations



Automotive Technical
DATA BOOK

Click on one of the buttons above to view data for this car. To return to this screen and make another choice, click anywhere on the data screen.

MENUHELP

Engine and cooling system

806 2.0 Turbo

1995 to 1997

Type		XU10J2CTEZ/L/L3(RGX) 108kW EC9
Capacity (cm³) / number of cylinders		1998 / 4
Compression ratio / pressure	bar	8.1 / _
Oil pressure	bar	[4.8]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.20±0.05
Valve clearance - exhaust	mm	0.40±0.05
Firing order		1-3-4-2
No 1 cylinder position		FE
Thermostat opening temperature	°C	89
Radiator cap pressure	bar	1.4

Fuel system

806 2.0 Turbo

1995 to 1997

Idle speed - manual [auto]	rpm	800±50. A/C: 900±50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3 N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO2 @ idle speed [3000 rpm] - see page VI	%	≥14.0
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		_ Bosch
Type / ref		MP3.2-Motronic
Main jet / needle		_
Injection pressure	bar	2.8
Pump pressure	bar	_
Octane rating	RON	95[U]

Ignition system

806 2.0 Turbo

1995 to 1997

Type		Static
Ignition coil		BAE 04-V5 4 output
Primary resistance	ohms	0.8
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		_
Points gap (air gap)	mm	_
Dwell angle	° (%)	_
Condenser capacity	µF	_
Rotation		_
Ignition timing - basic [static	° Crankshaft @ rpm	Computer control N/A
V = Vacuum NV = No Vacuum		
Total ignition advance	° Crankshaft @ rpm	Computer control
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	Computer control
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Vacuum range check	mbar	Computer control
Maximum vacuum advance	° Crankshaft	_
Spark plugs		Eyquem
Type		RFC58LS2E
Electrode gap	mm	0.90

Electrical system

806 2.0 Turbo

1995 to 1997

Battery	V / CC / RC	12 / L2 400
Alternator voltage / full load current / engine rpm		90, 120
Starter motor current / voltage - cranking	A / V	300
- locked	A / V	_

Running gear

806 2.0 Turbo

1995 to 1997

Brakes -		
Front (min. friction material thickness)	mm	8.5 with backing
Rear (min. friction material thickness)	mm	7.0 with backing

Tyres		
Saloon	Size	205/65x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.3 / 2.3
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	2±1
Camber		0±30'
Castor		+3°30'±30'
King pin inclination		+11°30'±40'

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	2±1
Camber		+1°±30'

Torque wrench settings

806 2.0 Turbo

1995 to 1997

Cylinder head - stage 1	Nm	Bolts ≤122mm
- stage 2	Nm	35
Cylinder head - stage 3	Nm	70
- stage 4	Nm	+160°
Big-end bearings	Nm	40, slacken, 20 + 70°
Main bearings	Nm	70
Clutch cover	Nm	_
Flywheel [driveplate]	Nm	50
Front hubs	Nm	100 +60°
Rear hubs	Nm	100 +60°
Wheel nuts / bolts	Nm	100
Spark plugs	Nm	27

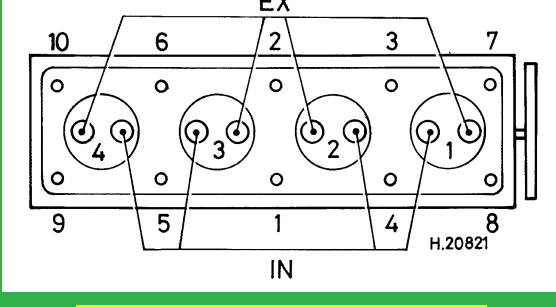
Capacities

806 2.0 Turbo

1995 to 1997

Engine oil & filter	litres	4.9. A/C: 4.5
Gearbox - 4-speed [5-speed]	litres	1.85
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	9.0
Fuel tank	litres	80

Notes and Illustrations



1998 cm³, 8V